

CORONAVIRUS: PUBLIC HEALTH STATISTICS AND POLICY RESPONSES

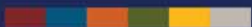
An overview of the ongoing COVID-19 pandemic, including key public health statistics and policy responses

NOVEMBER 23, 2020



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Association**

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Roadmap

- **Statistics**
- Background
- Executive Branch Response
- Legislative Response



COVID-19 case, death, and recovery rates worldwide

FAST FACTS

58,795,765
confirmed cases

1,390,343
deaths

37,600,772
recovered

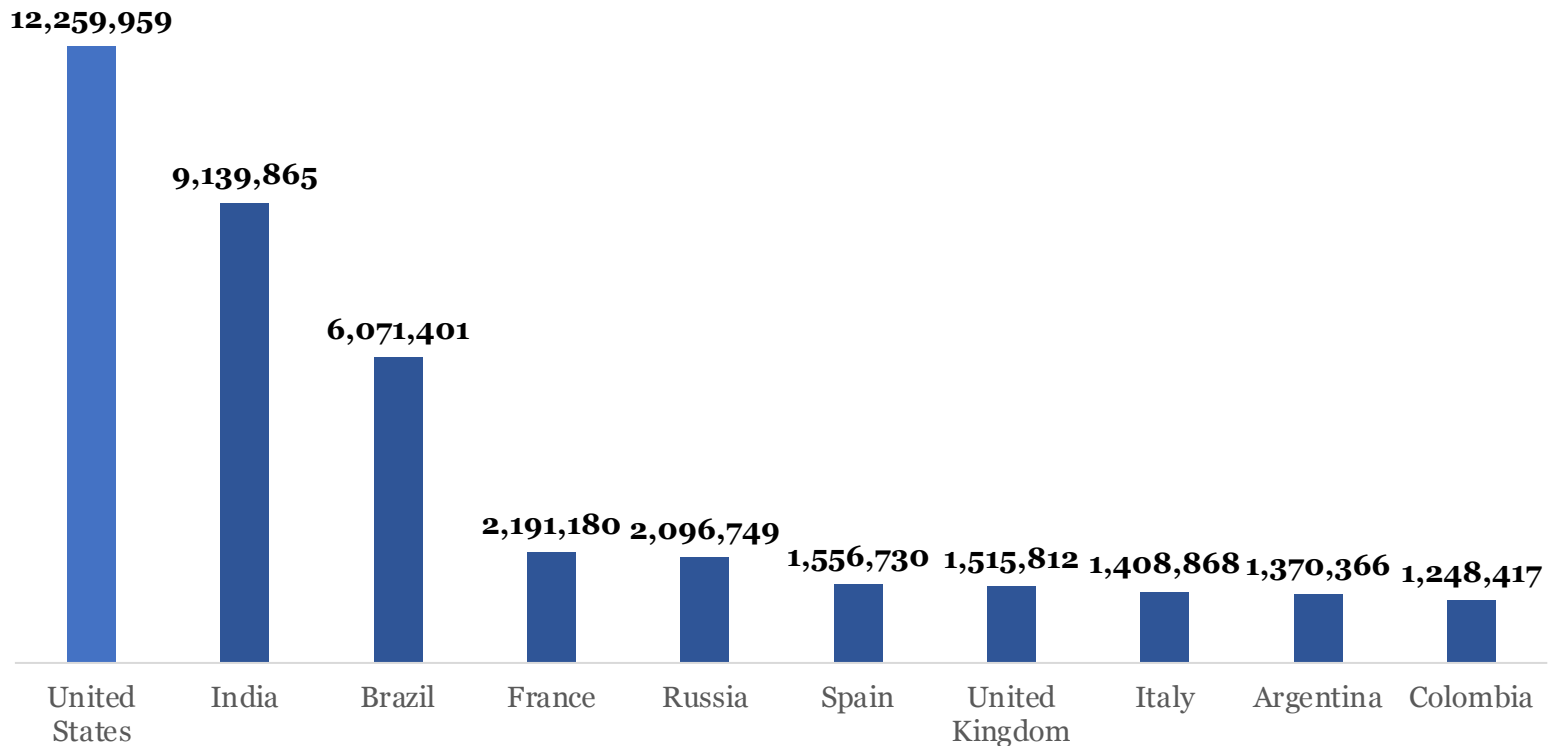
191

countries, areas, or
territories with cases



The US has the highest number of confirmed COVID-19 cases in the world

Countries with the highest COVID-19 cases



SOURCE: John Hopkins DATA AS OF 11/23/2020

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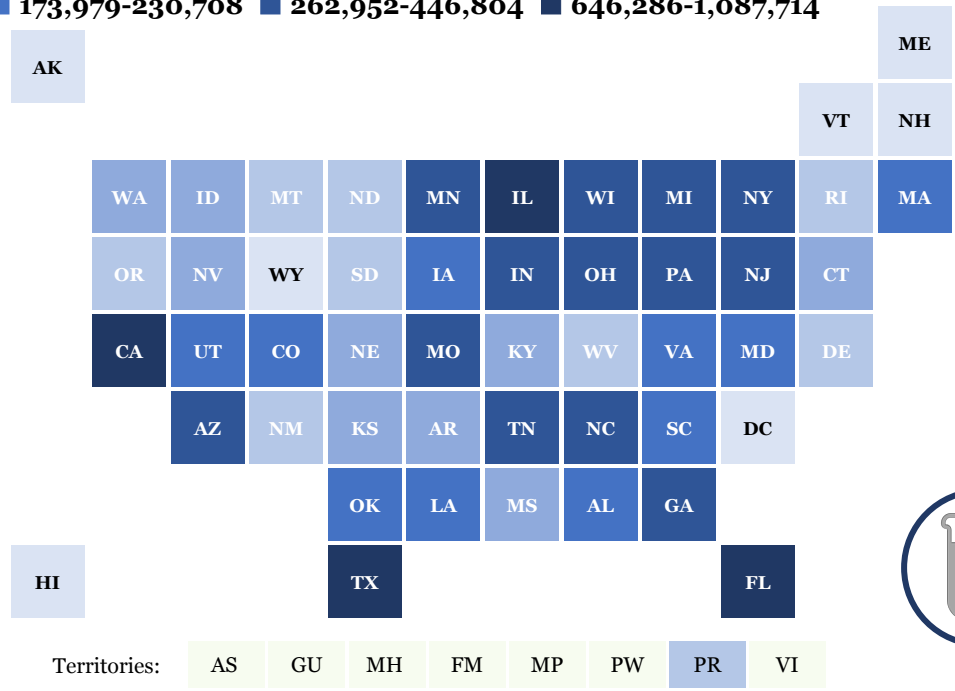
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COVID-19 cases have been reported in all 50 states and the District of Columbia

COVID-19 cases reported to the CDC*

CDC, AS OF NOVEMBER 22, 2020

■ 0-27,410
 ■ 31,321-90,834
 ■ 101,469-155,908
■ 173,979-230,708
 ■ 262,952-446,804
 ■ 646,286-1,087,714



12,028,081
total cases



255,076
total deaths



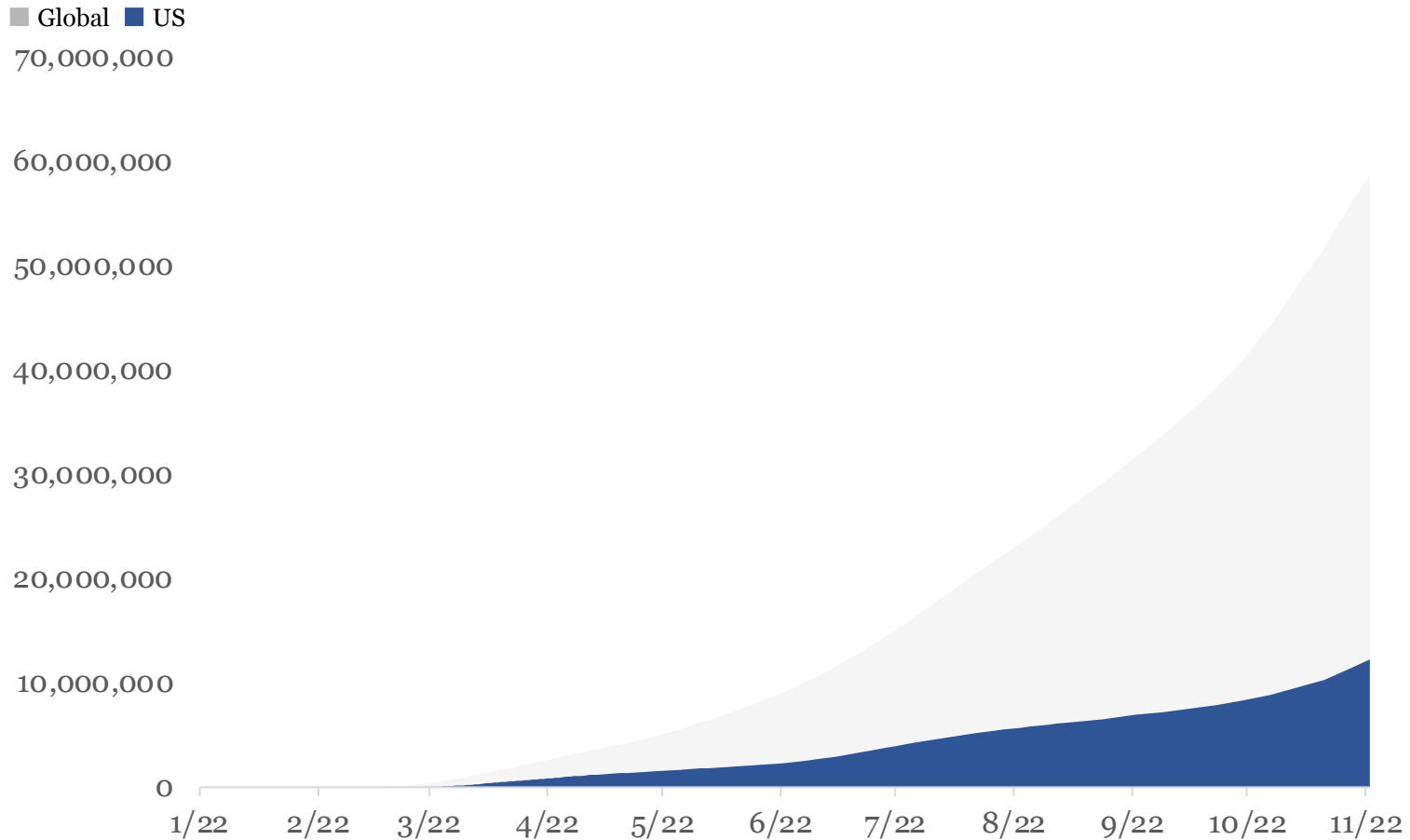
179,340,847
total tests including CDC, public, and private labs

*Data include both confirmed and presumptive positive cases of COVID-19 reported to CDC or tested at CDC since January 21, 2020, with the exception of testing results for persons repatriated to the United States from Wuhan, China and Japan. State and local public health departments are now testing and publicly reporting their cases. CDC case counts and death counts include both confirmed and probable cases and deaths.

Sources: Centers for Disease Control and Prevention, The COVID Tracking Project



Cumulative global cases of confirmed COVID-19



S O U R C E John Hopkins, CDC DATA AS OF 11/23/2020

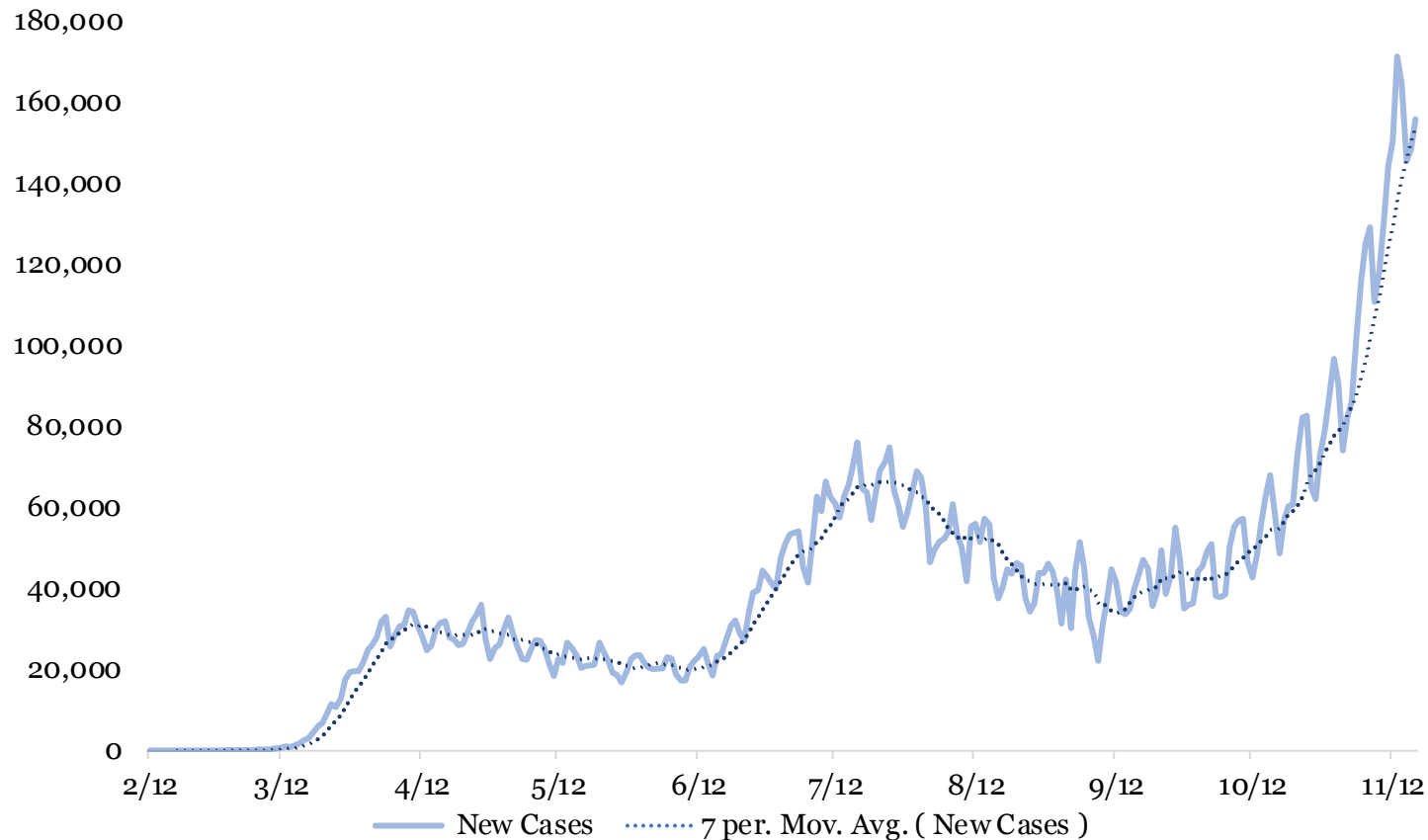
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Health professionals warn that the US is in its 3rd coronavirus surge

New Cases in the US per day



S O U R C E The COVID Tracking Project DATA AS OF 11/22/2020



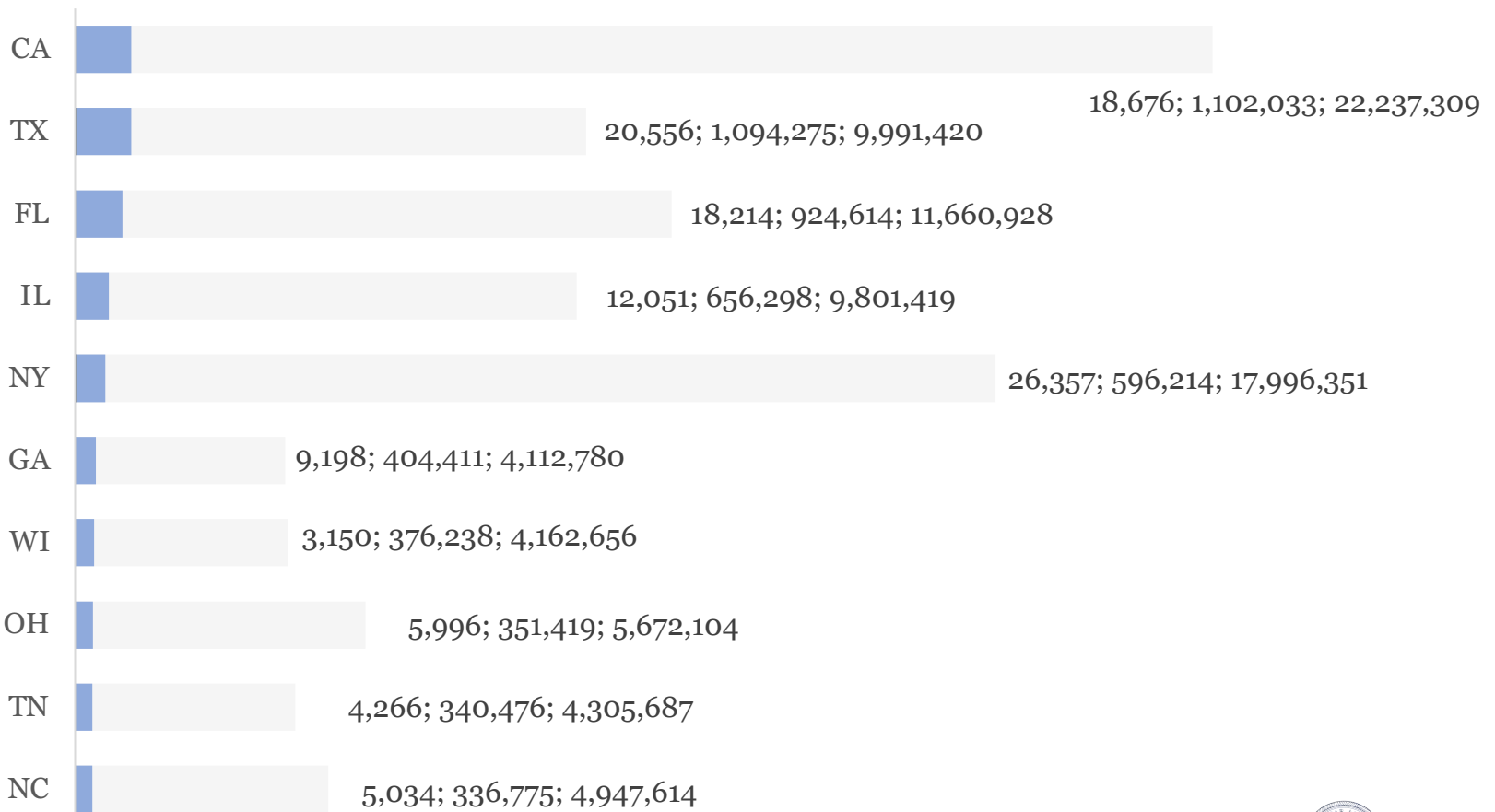
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States with the top positive COVID-19 tests

(DEATHS; POSITIVE TESTS; ALL TESTS)

■ Deaths ■ Positive tests ■ All tests



SOURCE Politico DATA AS OF 11/23/2020

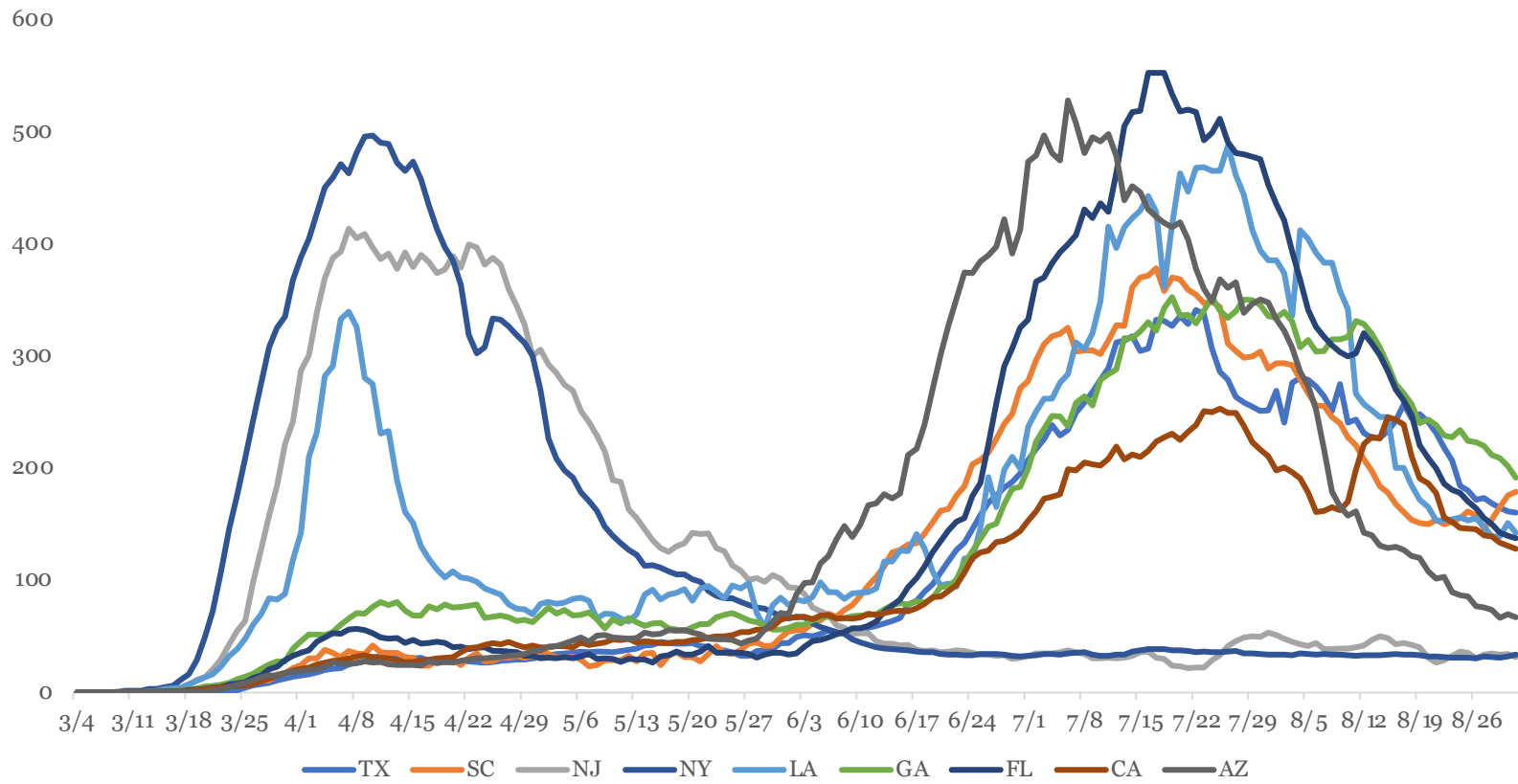
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Trends in new coronavirus cases in spring and summer hotspot

7 day moving average in new cases per day per 1M, by select states



S O U R C E The COVID Tracking Project DATA AS OF 9/1/2020

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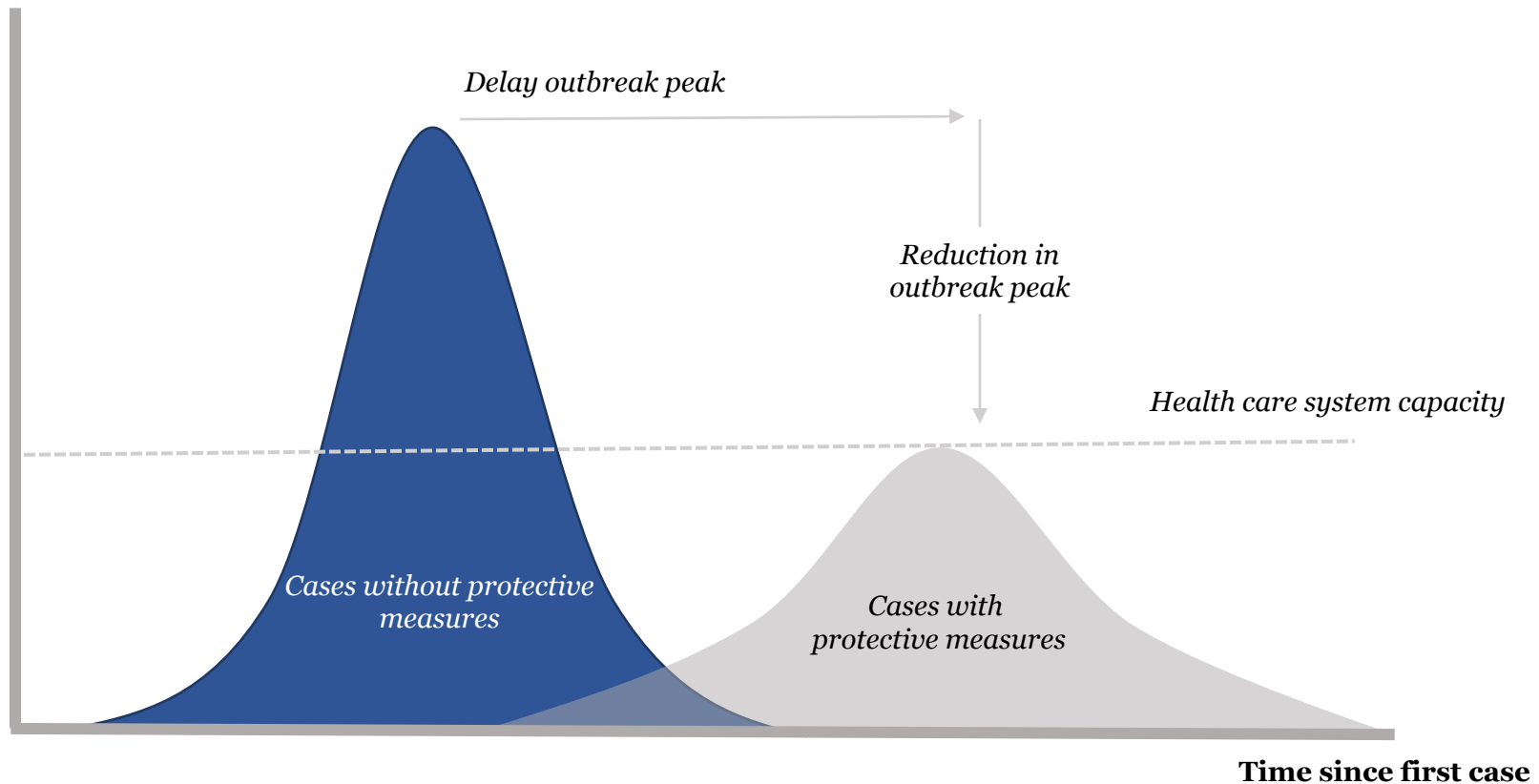
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Social distancing is key to “flattening the curve” and limiting the spread of COVID-19

Daily number of cases



SOURCE CDC, Vox DATA AS OF 3/17/2020

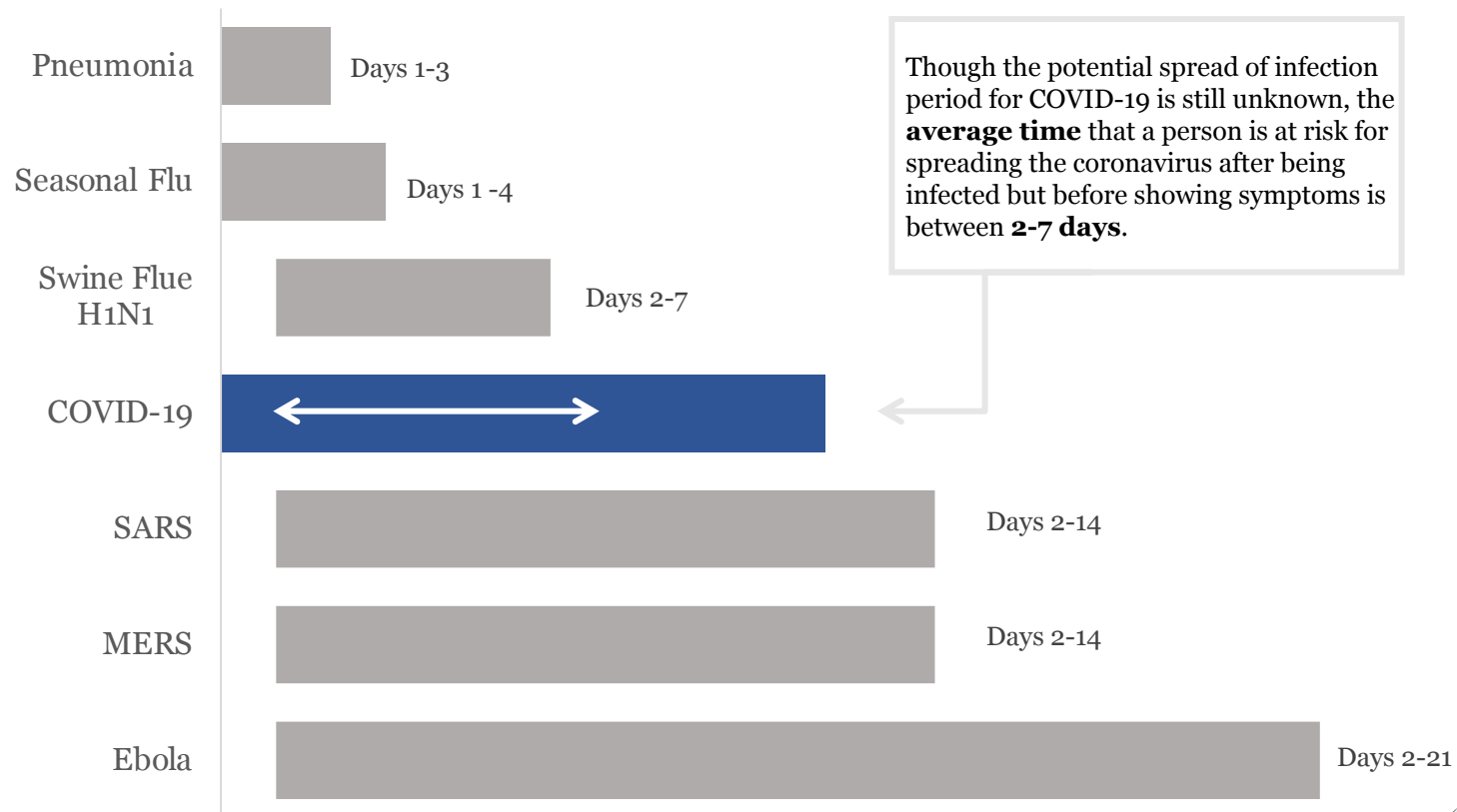
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97.5% of individuals diagnosed with COVID-19 will develop symptoms of coronavirus within 11.5 days of being infected

Number of days when a person can potentially spread a disease, *after* infection but *before* showing symptoms of the disease



The novel coronavirus, COVID-19, is a new virus in the coronavirus family

BACKGROUND

2019-nCoV is a new strain of a coronavirus, which includes everything from the common cold to more serious illnesses like SARS.

SYMPTOMS

Symptoms may appear between 2-14 days after exposure and range from mild to severe respiratory illness with fever, cough and shortness of breath.



INFECTION AND TRANSMISSION

Findings suggest emergence of this virus from an animal reservoir and recent studies suggest person-to-person spread, perhaps through respiratory droplets.

TREATMENT

No specific antiviral treatment recommended for 2019-CoV. Individuals infected should receive care to relieve symptoms and support vital organ functions.



Timeline of key developments in COVID-19 spread

- Dec. 31, 2019:** Chinese officials confirm dozens of cases from an unknown cause
- Jan. 11, 2020:** Chinese officials report its first known death of a 61-year-old man in Wuhan
- Jan. 21, 2020:** US announced its first confirmed case in Washington state
- Jan. 29, 2020:** White House Coronavirus Task Force is established
- Jan. 31, 2020:** HHS Secretary Alex Azar declares a public health emergency
- Jan. 31, 2020:** US bans foreign nationals with travel to China in the last 14 days from entry
- Feb. 29, 2020:** US has its first recorded death, a man in his 50s in Washington state
- Mar. 6, 2020:** Trump signs an \$8.3 billion emergency stimulus package
- Mar. 11, 2020:** WHO names outbreak a “pandemic”
- Mar. 11, 2020:** The number of US cases passes 1,000
- Mar. 11, 2020:** Trump bans travel from Europe for 30 days
- Mar. 13, 2020:** Trump declares a national emergency
- Mar. 18, 2020:** The Families First Coronavirus response act is signed into law
- Mar. 26, 2020:** US surpasses China and leads the world in confirmed cases of COVID-19
- Mar. 27, 2020:** \$2 trillion stimulus package is signed into law

SOURCE NBC News, ABC News, New York Times



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On January 29th, a White House Coronavirus Task Force was established



White House Coronavirus Task Force

- Coordinated through the National Security Council
- Oversees the federal government's efforts to monitor, prevent, contain, and mitigate the spread of the virus

Mike Pence	<i>Vice President</i>
Dr. Deborah Birx	<i>State Department's Global AIDS Director</i>
Alex Azar	<i>HHS Secretary</i>
Dr. Robert Redfield	<i>CDC Director</i>
Dr. Jerome Adams	<i>US Surgeon General</i>
Dr. Anthony Fauci	<i>Head of the NIAID at the NIH</i>
Ken Cuccinelli	<i>Head of US CIS/Deputy Secretary of DHS</i>
Seema Verma	<i>CMS Administrator</i>

Key agency action on COVID-19

- **CDC:** Studying the virus and assisting with local community response
- **FDA:** Working with medical industry to develop vaccines, drugs, and diagnostic tests
- **CMS:** Offers guidance for service recipients and beneficiaries
- **HHS Office of the Assistant Secretary for Preparedness and Response:** Developing new medical treatments
- **Department of State:** Coordinating with international governments to combat COVID-19 and issue travel advisories
- **USAID:** Funding international organizations to combat COVID-19
- **Department of Energy:** Researching COVID-19 at National Labs
- **HUD:** Issued guidance for public housing authorities, landlords, shelters, and other stakeholders

SOURCE: New York Times, White House, USA.gov.

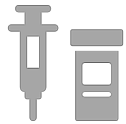


Federal agencies and companies are partnering for research & development initiatives



FDA Action:

Medical countermeasures



- The FDA issued an expedited approval of a test for the new coronavirus to accelerate detection
- State labs can test samples independently rather than sending samples from suspected cases to the CDC for testing
- FDA sidestepped usual regulatory channels by approving the test under an Emergency Use Authorization, which it did for tests for MERS, Ebola, and Zika
- There are no formally FDA-approved diagnostics, vaccines or therapeutics for COVID-19

R&D provisions in H.R. 6074: (Coronavirus Preparedness and Response Supplemental Appropriations Act)



- **\$61 million for the FDA to:**
 - Facilitate development and review of MCMs, devices, therapies, and vaccines
 - Assist enforcement work against misbranded products
 - Support the US medical product manufacturing
- More than \$2 billion for the Biomedical Advanced Research and Development Authority (BARDA)
- \$826 million to NIH; \$300 million in contingency funding for procurement

Collaboration with private sector:



- Some experts believe it could take months or years before approved treatments or vaccines are developed
- The Coalition for Epidemic Preparedness Innovations is funding vaccine efforts, including one developed by NIH and Moderna
- Johnson & Johnson's vaccine division announced partnering with BARDA to develop its own coronavirus vaccine

SOURCE CDC, The Verge, Washington Post, Stat, FDA, House Appropriations Committee



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Congress's response to the coronavirus crisis and potential next steps

Phase 1

Initial support and vaccine development

Coronavirus Preparedness and Response Supplemental Appropriations Act

- \$8.3 billion in COVID-19 response funding for developing a vaccine and preventing further spread of the virus
- Became law on 3/6/20

Phase 2

Paid leave, unemployment and food assistance

Families First Coronavirus Response Act

- \$100 billion in worker assistance, including emergency paid sick leave, food assistance, and unemployment payments
- Became law on 3/18/20

Phase 3

Major economic stimulus package

CARES Act

- Major stimulus package (\$2 trillion)
- Specific loans and support to industries, including airlines and small businesses
- \$1200 checks to individuals/families
- Became law on 3/27/20

Phase 3b

Additional funding for small businesses/hospitals

Paycheck Protection Program and Health Care Enhancement Act

- \$310 billion additional funding for the Paycheck Protection Program, more funding for hospitals and testing
- Became law on 4/24/20

Phase 3c

Paycheck Protection Program (PPP) extension

S. 4116

- Extended PPP for five weeks, until August 8th
- Became law on 7/4/2020

Phase 4 - TBD

Additional economic support

- The House passed a revamped \$2.2 trillion HEROES Act stimulus package in September
- Unlikely a comprehensive spending package will pass before election
- Potential for smaller "clean" bills



House Democrats unveil revised \$2.2 trillion HEROES Act; White House releases \$1.6 trillion counteroffer

Democratic revised HEROES Act



The House Democrats unveiled a modified HEROES Act as the next COVID-19 relief package. The revamped version will cost around \$2.2 trillion compared to the previous proposal of \$3.4 billion.

The updated bill includes another round of the \$1,200 stimulus checks and a \$600 weekly benefit in addition to unemployment insurance.

The bill further sets aside \$225 billion for education, includes provisions to provide \$436 billion in federal aid to state and local governments, and extends the Paycheck Protection Program, which expired in August.

Where does the proposal stand?



The House passed the legislation by a 214-207 vote. However, it is **highly unlikely that the bill will pass the Senate due to lack of bipartisan support.**

Republican counter proposal



Treasury Secretary Steven Mnuchin has proposed a \$1.62 trillion counter relief bill during negotiations with House Speaker Nancy Pelosi. The new proposal is closer to the revised Democratic offer.

Mnuchin's counteroffer includes a second round of the \$1,200 stimulus checks and \$400 in additional weekly federal unemployment benefits.

The proposal further includes \$150 billion for education funding, \$250 billion for state and local governments, and \$160 billion for the Paycheck Protection Program.

Where does the proposal stand?



Negotiations are still ongoing between Mnuchin and House Speaker Pelosi. **However, the White House still needs to convince Senate Republicans on the final plan.**





The mission of the Federal Bar Association is to strengthen the federal legal system and administration of justice by serving the interests and the needs of the federal practitioner, both public and private, the federal judiciary and the public they serve.

1220 North Fillmore St., Suite 444, Arlington, VA 22201

T: (571) 481-9100 F: (571) 481-9090 fa@fedbar.org www.fedbar.org



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